

STUDY NAME: PREPARATION OF A TEMPORARY SLIDES

Materials required

- Specimen
- Razor blades
- Slides and cover slips
- Petridishes
- Water
- Stain (safranin) solution
- Mounting fluid (glycerine)
- Camel hair brushes
- A piece of fine cloth and tissue paper

Steps

A. Sectioning B. Staining and C. Mounting

A. Sectioning:

- ◆ Keep the specimen in a petridish containing water
- ◆ Hold the specimen vertically with thumb and indicating finger of left hand and the razor blade horizontally with right hand
- ◆ Cut the section repeatedly
- ◆ Keep the sections in the petridish containing water
- ◆ Select the thin and uniform sections with the help of camel hair brush.

B. Staining

- ◆ Transfer the thin and uniform section from water to another petridish containing 1% safranin solution and allow it for few (2-3) minutes.
- ◆ Wash it with water to remove excess stain

C. Mounting

- ◆ Take a clean and dry slide and a cover slip
- ◆ Put some mounting fluid at the center or $2/3^{\text{rd}}$ of total length away from the left corner of the slide
- ◆ Keep the stained section on the mounting fluid
- ◆ Put a cover slip on the section